

DP-302438

IMPROVED NITROGEN OXIDE CATALYST

ABSTRACT OF THE DISCLOSURE

An improved nitrogen oxide catalyst for use with catalytic converters comprises a substrate material comprising a catalyst, an adsorption material layer, and an organometallic precursor comprising an organometallic precursor material and a nitrogen oxide adsorber catalyst material. The organometallic precursor reacts with a base metal oxide present in the catalyst and decomposes upon application to the substrate material, leaving a nitrogen oxide adsorption catalyst material in the adsorption material layer.

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